

ABSTRACT

The inventive luminous panel is essentially characterised in that it comprises a transparent plate (10) provided with two opposite flat surfaces (11, 12) which are connected by an edge surface (13), a reflecting surface (14) which is disposed oppositely with respect to the surface (12) at a nonzero distance in such a way that a transparent medium blade (15) whose optical index is less than that of the plate (10) material is formed, and source facilities (16) which radiate light beams (17), are arranged on the periphery of the plate (10) and the surface (14) and connected to each other in order to direct a part (18) of the light beams (17) towards the edge surface (13) and another part (19) of the light beams to the blade (15) in such a way that a portion of said part of the beams (19) is reflected from the surface (14) and returned towards the surface (12). Said invention can be used for producing large-sized flat video screens.